

**WHAT IS CLAIMED IS:**

1. A method for determining at least two types of corrected aspect values for an aspect of a pixel, said pixel being embedded in a configuration of pixels, said method comprising the steps of:

- 5     – measuring at least one intensity value corresponding to said aspect for essentially each of the pixels of said configuration of pixels ;
- calculating a first corrected intensity value for said pixel, in the calculation combining the measured intensity values of a set of pixels out of said configuration of pixels ;
- analysing the measured intensity value in said first corrected intensity value and a
- 10    subaspect value; and thereafter
- determining at least two types of corrected subaspect values for said pixel by combining the subaspect values of a set of pixels out of said configuration of pixels.

2. The method as recited in claim 1 wherein said aspect is the colour of said pixel and wherein said subaspect is the chrominance of said pixel.

15                    3.        The method as recited in claim 2 wherein the types of corrected values for said colour are the Red, Green and Blue corrected colour values for said pixel and wherein the types of corrected values of said chrominance are the corrected red, green and blue chrominance values.

4. The method as recited in claim 3 wherein said pixel has a  
20 colour filter for filtering substantially one colour type while measuring said intensity value.

25 5. The method as recited in claim 4 further comprising the step of determining a second corrected intensity value for said pixel by combining said first corrected intensity value with the corrected subaspect value for said pixel obtained by analysing the measured intensity value in said first corrected intensity value and a subaspect value.

6. The method as recited in claim 5 further comprising the step of determining at least two types of corrected aspect values for said aspect of said pixel by combining said second corrected intensity value with two types corrected subaspect values for said pixel.

7. The method as recited in claim 1, wherein said set of pixels out of said configuration of pixels used for determining a first corrected intensity value for said pixel, and said set of pixels for determining at least two corrected subaspect values for said pixel consist of pixels in the immediate neighbourhood of said pixel.

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8. The method as recited in claim 1 wherein the corrected subaspect values for said pixel are determined using a vote-operator and/or a median-operator operating on the subaspect values of a set of pixels out of said configuration of pixels.

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9. The method as recited in claim 8 wherein said pixel has a colour filter for filtering substantially one colour type while measuring said intensity value and wherein the corrected subaspect value of one type is calculated with the subaspect values of the same type of said set of pixels, the subaspect value obtained by analysing the measured intensity value of said aspect of said pixel in said first corrected intensity value and a subaspect value, being of said one colour type.

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10. The method as recited in claim 9 further comprising the steps of:

- selecting said set of pixels for determining the corrected subaspect values for said pixel within the immediate neighbourhood of said pixel;
- selecting for each type of subaspect values a subset of subaspect values out of the subaspect values of said set, said subset meeting a deviation threshold criterion and the subaspect values being of one type; and
- combining and averaging the subaspect values of said subset in order to determine the corrected subaspect values for each type of corrected subaspect values.

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11. The method as recited in claim 1 wherein the step of determining a first corrected intensity value for said pixel by using the measured intensity values of a set of pixels out of said configuration of pixels, includes a low-pass filter calculation.

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12. A method for determining at least two corrected colour values for a pixel, said pixel being embedded in a configuration of pixels and having a colour filter

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